

Dynamic Systems Initiative

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Corporate Vice President



Challenges

Cost and Complexity Challenges

Management

Do
More

With
Less

- **Connectedness**
- **Reusability**
- **Rapid Deployment**

- **Complexity**
- **Interdependencie
S**
- **Security**

Different Approaches

Outsourcing



Complex Frameworks



**Simplification
& End-User
Empowerment**



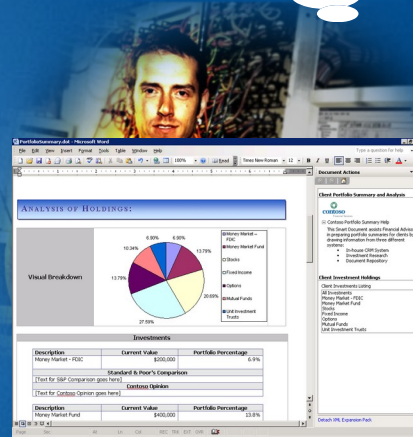
Microsoft
Microsoft
2004

Application Lifecycle Today

- Features & functions
- Ship date

- Service & availability
- Formalized changes

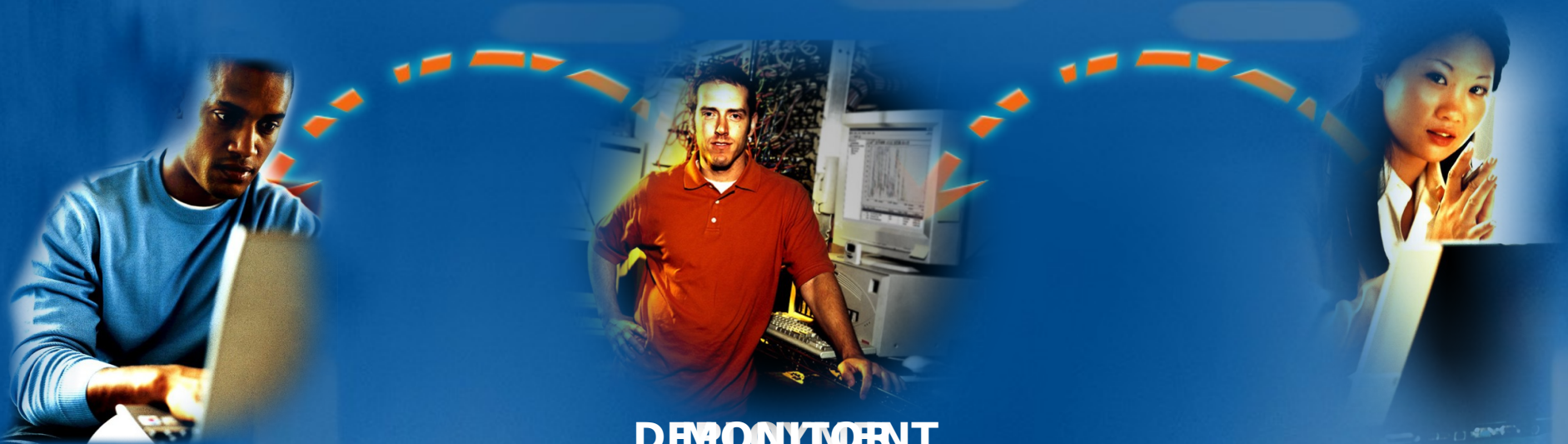
- Get my job done
- I don't have time for IT



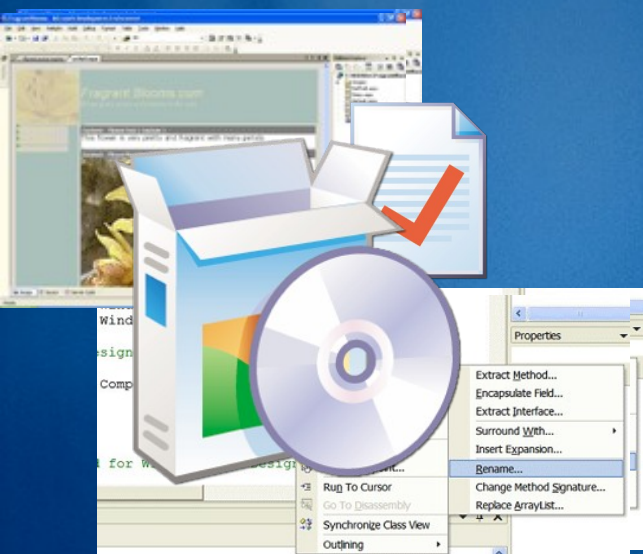
Development

IT Operations

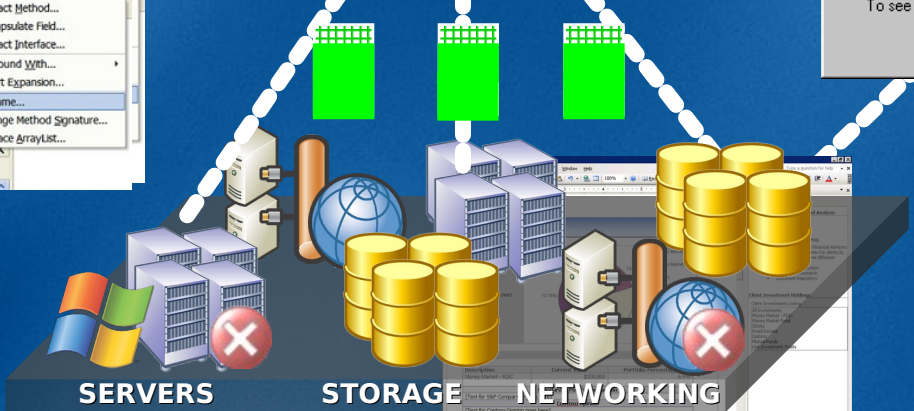
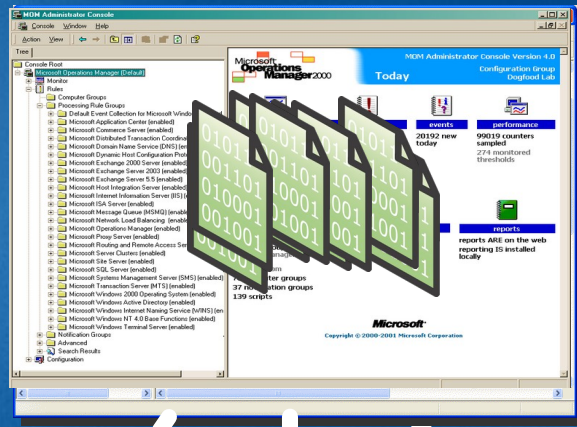
End-User Experience



DEMOINVENT



NEW APPLICATION



Contoso Business Application

You chose to end the nonresponsive program, Contoso Business Application.

The program is not responding.

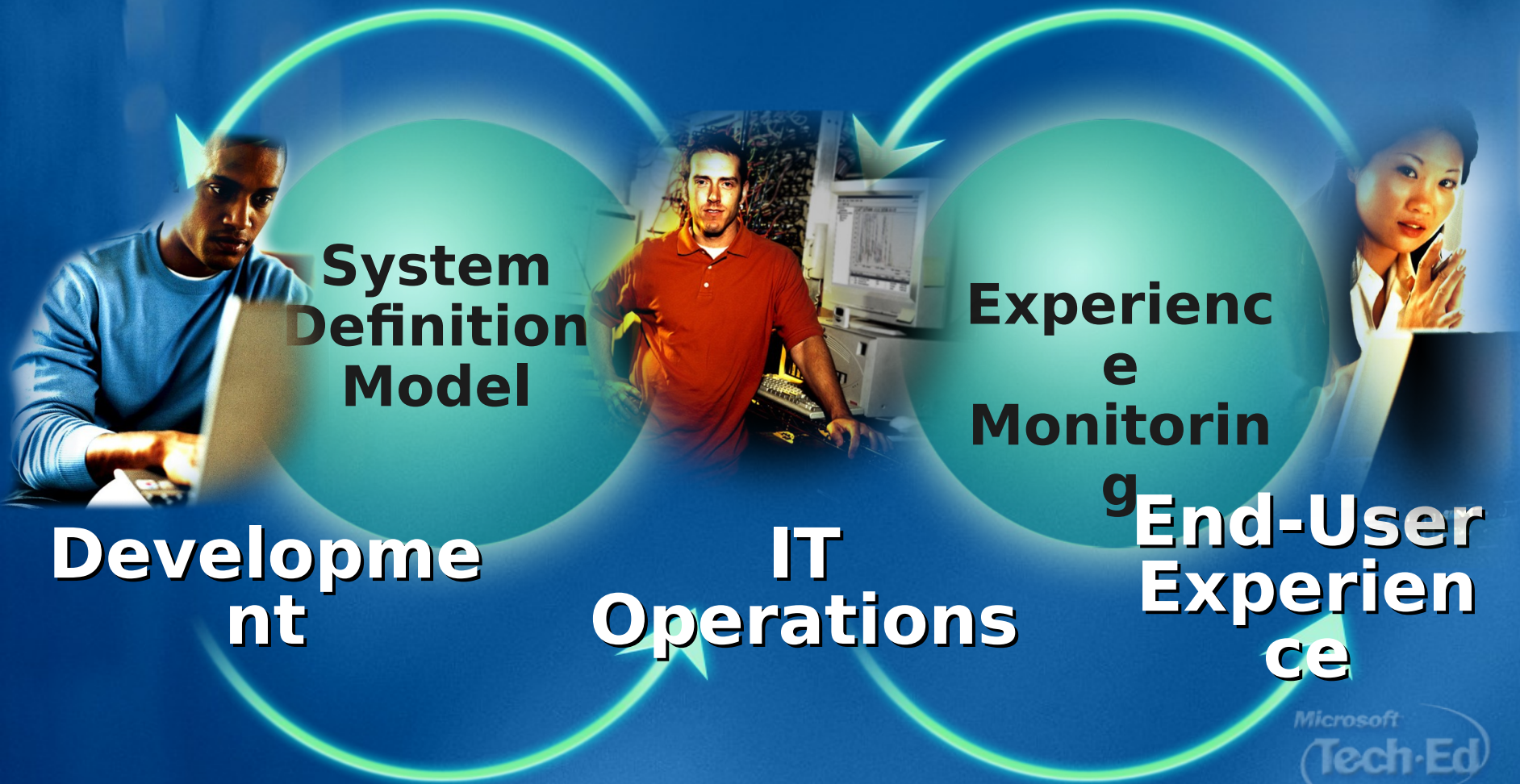
Please tell Microsoft about this problem.
We have created an error report that you can send to help us improve Microsoft PowerPoint. We will treat this report as confidential and anonymous.

To see what data this error report contains, [click here](#).



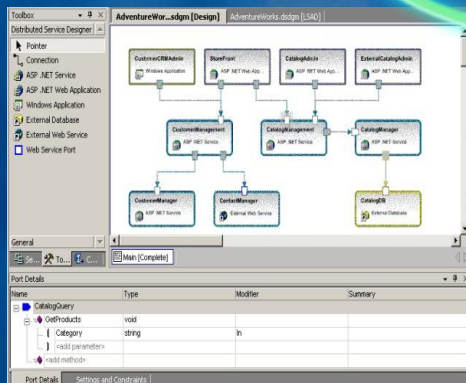
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Application Lifecycle Vision





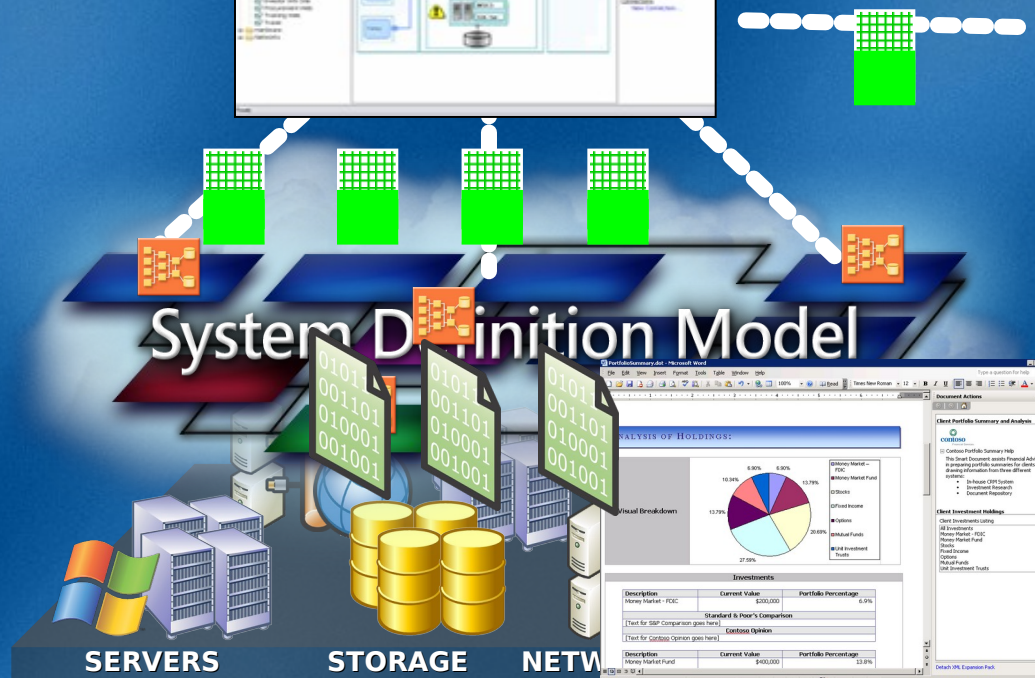
Managing Existing



NEW APPLICATION



System Definition Model



Microsoft
Tech-Ed
2004

Microsoft Windows Server System *Dynamic Systems Initiative*

Management is at the center
of everything we do

Applications “Designed For Operations”

Manageability as a
key attribute of
applications and
tools

- ✓ DSI/SDM Design Preview
- ✓ Visual Studio 2005
- ✓ Exchange 2003

Microsoft SQL Server

Microsoft Exchange Server

“Operationally Aware Platform”

Fully
instrumented
platform
supporting

- ✓ Windows Server 2003
- ✓ Corporate Error Reporting
- ✓ Windows Update Services

Microsoft Windows Server

“Intelligent Management”

Complete set of
products and tools
for end-to-end
management

- ✓ SMS 2003
- ✓ System Management Server 2000
- ✓ Microsoft Solutions for Management Operations Manager 2005
- ✓ Microsoft System Center 2005
- ✓ System Center

Windows Update Services (WUS)*

The update management infrastructure and solution delivered with Windows Server

- **Update solution for all Microsoft products**
(Office, SQL Server, MSDE, Exchange, at RTM + additional products over time)
- **Core update management infrastructure for Windows**
(APIs, data model for updates – prerequisites, supersedence, bundle relationships)
- **Expanded administrative control**
(For targeting, uninstall, detection frequency, install deadlines, end-user experience, etc.)
- **Enhanced bandwidth optimization**
(Binary delta compression, only use unused bandwidth, restart from failure-point, etc.)
- **Key Benefits: Reduced Risk, Reduced Cost, Improved Administrative Control**
(Reports on missing updates, download status, install status, etc.)

Incredible Momentum

Microsoft

Systems Management Server 2003

Incredible Momentum

- 250,000+ desktops in production pre-RTM; 99.9% early adopter software distribution reliability
- 27,000+ evaluation units downloaded
- Approx 30,000 companies use SMS worldwide, with over 10M devices managed

SMS 2003 Performance

Feature	SMS 2.0	SMS 2003	
Full inventory	25/ min	140/ min	5x faster
Delta inventory	32/ min	225/ min	7x faster
Discovery	31/ min	150/ min	5x faster
Clients per server	2K per	25K per	12x more



Microsoft®

Systems Management Server 2003



Service Pack 1

- **Infrastructure Improvements**
 - **Tighten Security**
 - **Enhanced Reliability**
 - **Improved Scalability**
- **Increased Configuration Support**
 - **Advanced Client support for 64-bit processors**
 - **Support for Virtual Server/Virtual PC**
 - **Workgroups**



Microsoft
Tech·Ed
2004

Download the Beta: <http://www.microsoft.com/sms>

Microsoft®

Systems Management Server 2003

Device Management Feature Pack

**Extend change and configuration management
to Windows CE-based and Windows Mobile
devices**

Microsoft®

Systems Management
Server 2003

Microsoft®

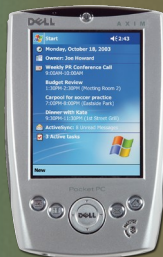
Systems Management
Server 2003

**Device Management
Feature Pack**

Microsoft®

Systems Management
Server 2003

Partner Add-ons



Microsoft
Tech·Ed
2004

Download the Beta: <http://www.microsoft.com/sms>

Extending Management to Mobile Devices

demo

**Russell Wilson
Program Manager
Windows & Enterprise
Management**

Systems Management Server 2003



S Deployment Feature Pack

The end-to-end desktop operating system deployment and upgrade imaging solution for Windows

- **Core scenarios**
 - In-Place Migration
 - Machine Replacement / New Machine
 - Help Desk Recovery

- **Key Features**
 - Fully integrated with SMS 2003 infrastructure
 - Utilizes advanced Windows imaging format

Operations Manager 2006

**Enterprise-class event and performance
management to ensure the availability of
Windows Server System**



Stay

Aware

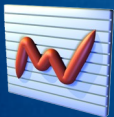
Identifying your IT health issues before they become problems through built-in application knowledge.



Effectively

Respond

Improving the efficiency of your IT operations through actionable best practices.



Be

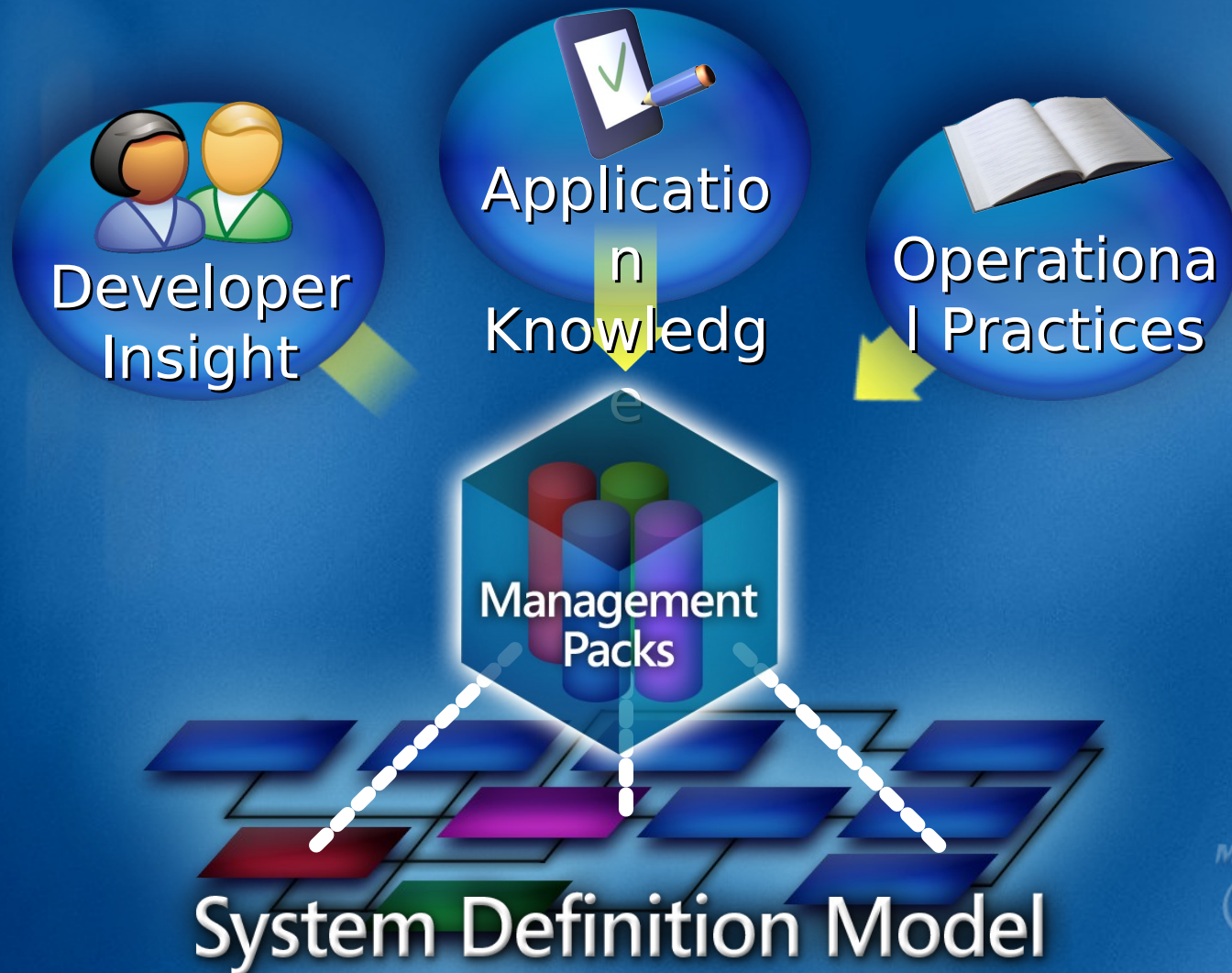
Accountable

Supporting your IT operations through sharing of key service level and performance information.

Key Benefits: Increased Service Availability, Proactive Server Management

Designing For Operations Today

Microsoft®
**Operations
Manager**



MOM Connector Framework (MCF)

Integrate MOM with third-party management frameworks

Microsoft®

Operations
Manager



Operations Manager 2005 & "Express"

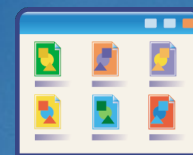
Ease of deployment

- Wizard-based installation
- Pre-requisite checker



Ease of use

- New operator console
- Topological views and state monitoring



Next generation knowledge

- New management packs
- Web services management



MOM 2005 "Express"

Designed for small server environments

Full system monitoring in < 1 hour

Download the Beta: <http://www.microsoft.com/mom>

Preview MOM 2005 online: <https://microsoft.granitepillar.com/mom2005>

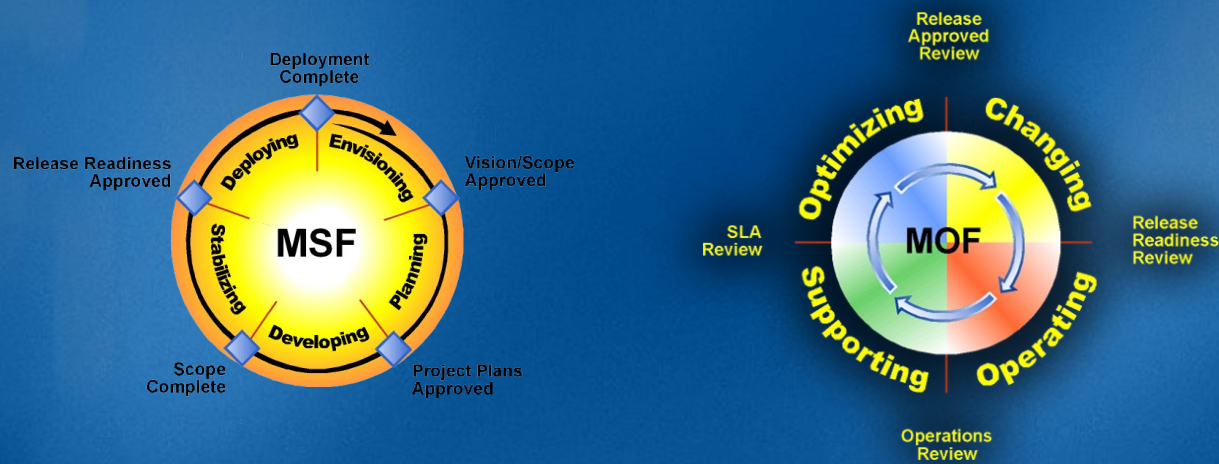
Achieving Operational Efficiency with MOM 2005

demo

**Mike Bayman
Senior Product Manager
Windows & Enterprise
Management**

Management Microsoft Solutions for Management

Solution Accelerators

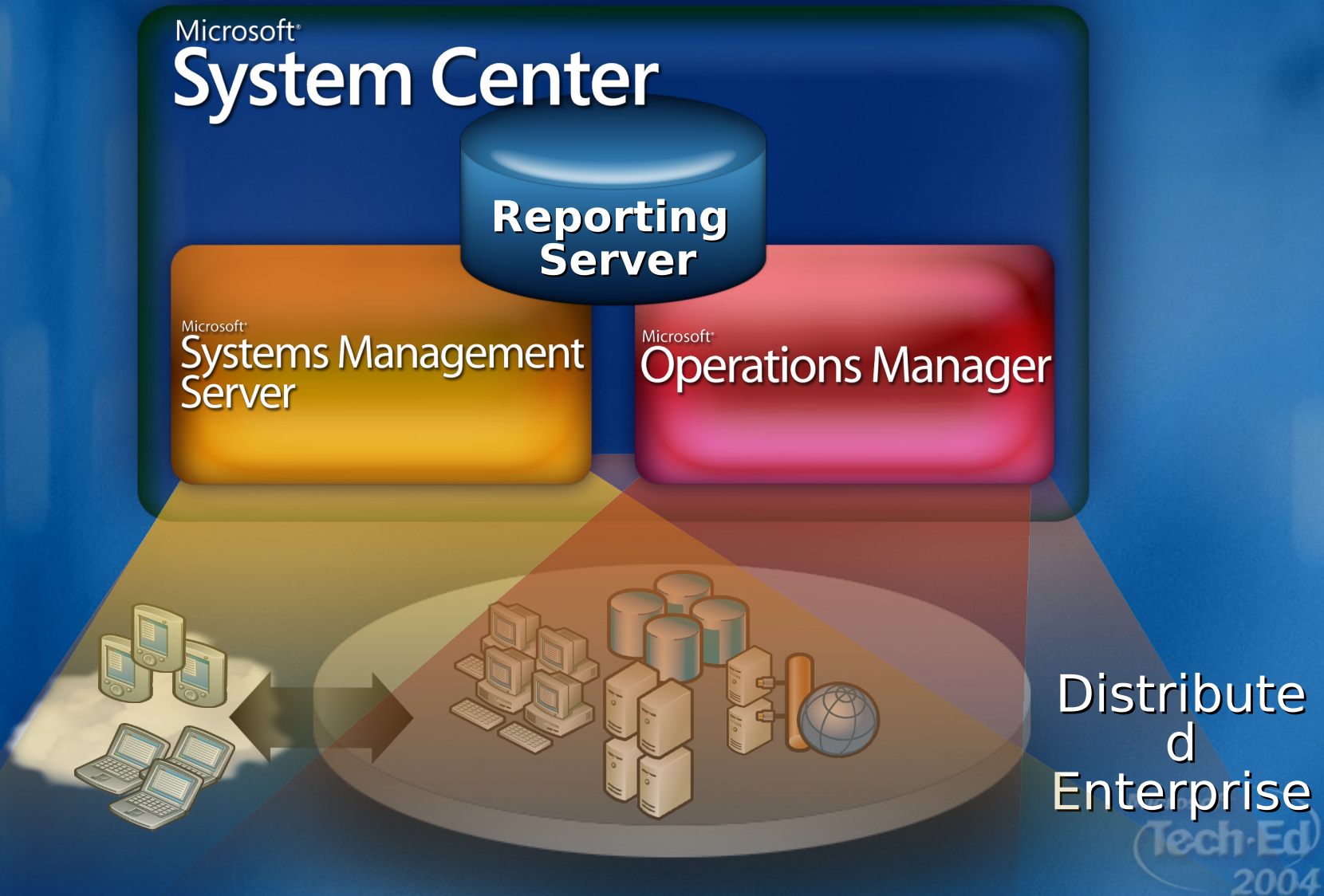


Solution Accelerators

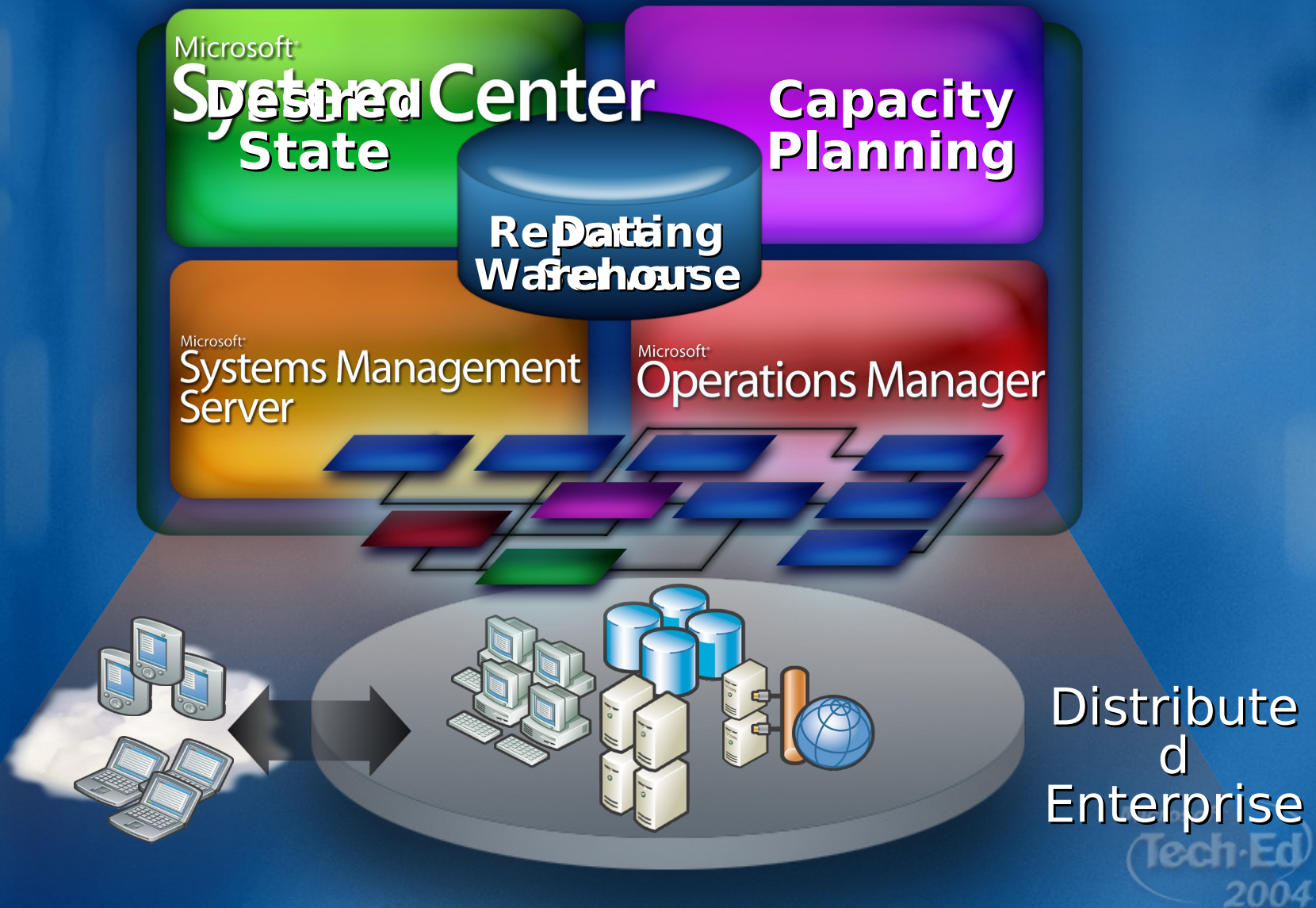
Download: <http://www.microsoft.com/msm>

Microsoft
Tech·Ed
2004

System Center 2005



System Center "V2"



IT: The Superhero



Development

CSO

CFO

Business
Owner

End User
Experience

IT
Operations



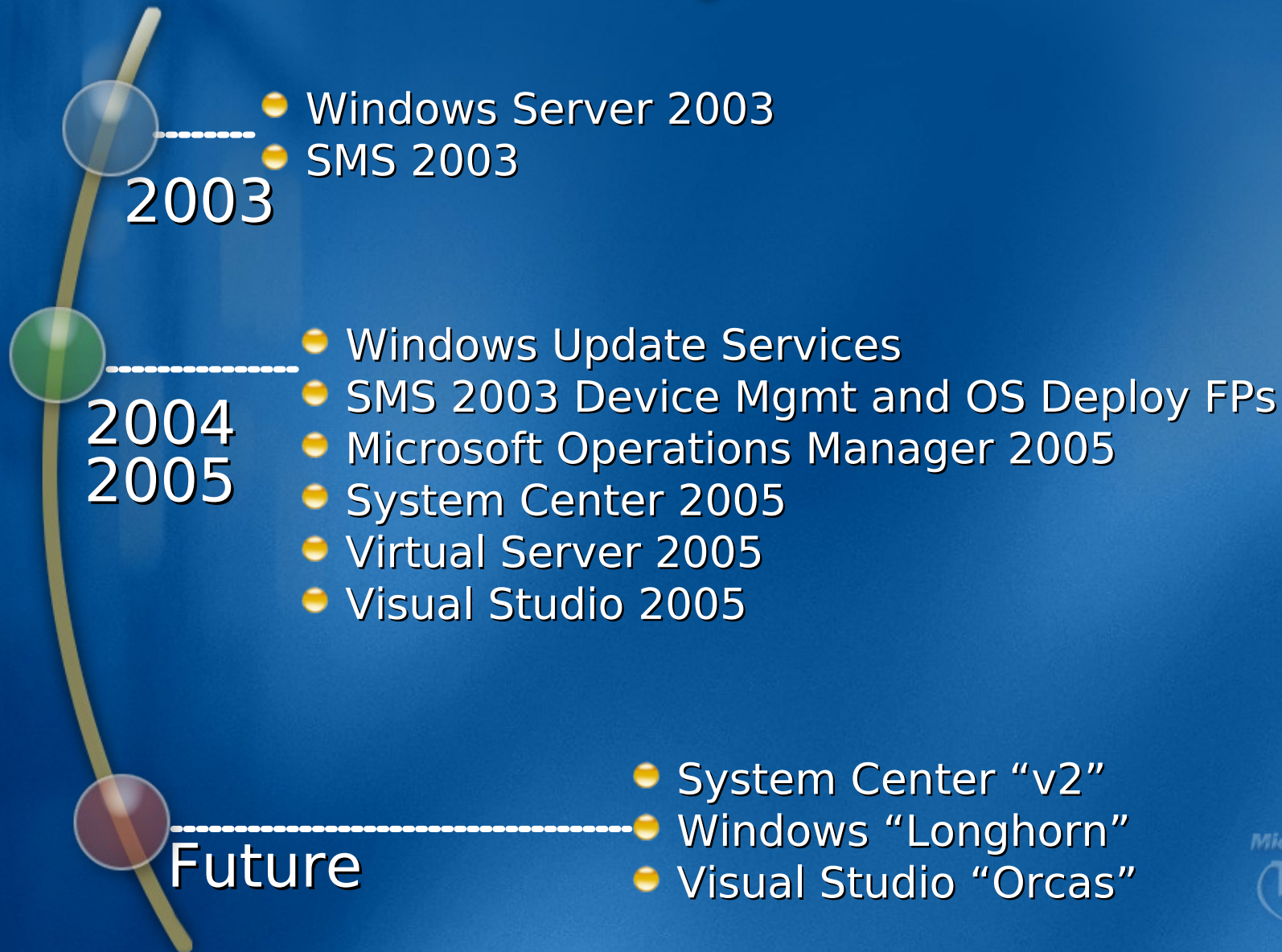
More Than Microsoft



Computer Associates®



DSI Roadmap



executive discussion

KirillT@Microsoft.com

Call To Action

- **Learn about management**
 - **Management and Operations Breakouts**
 - **Management Meet-the-Technologists Sessions**
 - **Management Hands-On-Labs**
- **Meet Microsoft**
 - **Product Pavilion**
 - **Windows and Management Community**
 - **RIO Networking**
- **Meet Our Partners**
 - **Management Partner Pavilion**
- **Ancillary Event – Rumble in the Jungle**

Microsoft[®]

Your potential. Our passion.[™]

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2004